

List of Programs To Practice

1. Addition of three integer numbers
2. Find the greatest and smallest of given 3 numbers
3. Find the largest from a given array of 10 elements.
4. Print a given pattern.
5. Fact of a given number
6. Write a program for matrix multiplication
7. Write a program for matrix addition
8. Sort an given array using bubble sort
9. Write a program to get the functionality of calculator
10. Write a program to find the area of different shapes
11. Find the area and perimeter of a rectangle
12. Print mark list of a student
13. Search a record of a particular student form a list
14. Write a program to save different types of instruments in the list
15. Write a program for shopping of fruits (Mini Project)
16. Write a program using constructors and destructors
17. Write a program to access the private data of a class using friend function find the volume of a shape
18. Write a program to add private data of two different classes using friend function.

20. Write a program to find square of a number using inline function
21. Write a program to max number from two numbers using inline function
22. Write a program to find cube of a number using inline function
23. Write a program to find square of a number using inline function
24. Write a program to find smallest number out of two given numbers using inline function
25. Find factorial of a number using inline function
26. Write a program to find area of different shapes using the concept of function overloading
27. Write a program to print absolute value of a number using function overloading
28. Write a program to write a static function
29. Calculate internal marks of cpp lab using friend function the marks are divided into viva, observation and record
30. Operator Overloading Programs – Overload the following operators for the rectangle class
+, -, *, /, %
31. Overload the operator += , -= , *= , /=
32. Write a program to overload the comparison operators
33. Write a program to overload the assignment operator
34. Write a program to make the use of this pointer in operator overloading program (any binary operator)
35. Write a program to overload unary operator ++ and – (prefix)
36. Write a program to overload unary operator –

37. Write a program to overload unary operator !

38. Write a program to overload the following operator using friend function

+, -, *, /, %

39. Write a program to overload << operator

40. Write a program to overload >> operator

41. Overload the input operator >> using friend function

42. Write the output operator << using friend function